

# ***LIQUID CRYSTAL DISPLAY DEVICE***

## **Abstract of Disclosure**

A liquid crystal display drive circuit includes capacitance predicting section for predicting a capacitance value each pixel will reach at one refresh cycle later when applying a predetermined voltage for targeted brightness, a frame buffer for storing the predicted capacitance value, and overdrive voltage calculating section for calculating a voltage to be applied to each pixel based on targeted brightness at one refresh cycle later and the stored capacitance value in frame buffer.

PCT/US2014/036391